

## Become a Champion!

By building upon **"Action"** lessons, students can take action to protect and promote their environment. Their efforts could earn them recognition as a **Champion of the Environment**. **"Champions"** is a program that recognizes and rewards South Carolina students for their outstanding environmental achievements. Visit the **"Champions"** Web site at [www.scdhec.gov/champions](http://www.scdhec.gov/champions) for more information.

## Grants

The S.C. Department of Health and Environmental Control's (DHEC) Office of Solid Waste Reduction and Recycling (Office) offers Recycling Education Mini-grants. This competitive program allocates funds to public schools and districts as well as private schools. For information and an application, call **1-800-768-7348**.

## Training & Resources

The Office manages **"Action"** and **"Action"** workshops. In a three-hour session, you'll see how the curriculum supplement works. Each teacher completing the workshop receives a copy of the curriculum on CD-ROM. **"Action"** and **"Action"** workshops are provided by DHEC at no cost to schools and teachers.

The Office also has a **Resource Center** with a variety of materials that can be used to supplement the solid waste lessons in **"Action,"** including videos, posters, activity books and other information. You can reach the Resource Center toll-free at **1-800-768-7348** or visit our Web site at [www.scdhec.gov/recycle](http://www.scdhec.gov/recycle).

To make your reservation, clip and mail this form to **Action Training**, S.C. Department of Health and Environmental Control, Office of Solid Waste Reduction and Recycling, 2600 Bull Street, Columbia, SC 29201 or call **1-800-768-7348**.

Training Date Requested: \_\_\_\_\_

School: \_\_\_\_\_ District: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Principal's Name: \_\_\_\_\_

Number of Teachers: (minimum of 30) \_\_\_\_\_ Grade Levels: \_\_\_\_\_

*I understand workshops are filled on a first-come, first-served basis and that tuition is sponsored by DHEC. Upon the completion of the workshop, teachers will receive the **"Action for a cleaner tomorrow"** curriculum supplement on CD-ROM and a variety of other teaching materials.*

## Web Resources

Teachers are encouraged to visit the Web sites listed below for updated information, numbers and Web links for the lessons. Teachers also can call the Resource Center's toll-free hot line to see if any updated information is available. **"Action"** is updated every two or three years, but not all lessons can be updated at the same time due to time constraints and cost.

- DHEC's Bureau of Air Quality, [www.scdhec.gov/baq](http://www.scdhec.gov/baq)
- DHEC's Bureau of Water, [www.scdhec.gov/water](http://www.scdhec.gov/water)
- DHEC's Office of Ocean and Coastal Resource Management, [www.scdhec.gov/ocrm](http://www.scdhec.gov/ocrm)
- DHEC's Office of Solid Waste Reduction and Recycling, [www.scdhec.gov/recycle](http://www.scdhec.gov/recycle)
- S.C. Energy Office, [www.energy.sc.gov](http://www.energy.sc.gov)

## 'GreenScene E-Magazine'

**"The GreenScene E-Magazine,"** an electronic publication developed by DHEC's Environmental Outreach Workgroup, provides teachers with information, materials and resources on environmental topics that they can use in the classroom.

Overall, this e-magazine, published quarterly, provides a one-stop shop of the environmental education programs offered by DHEC and features articles on current environmental issues affecting South Carolina. The articles provide the latest information and, when possible, they will be "matched" to a ready-to-use **"Action"** lesson that includes additional information and resources. In addition, the magazine provides announcements, updates and follow-ups to DHEC's environmental education programs, projects, events and activities.

**"The GreenScene E-Magazine"** is available on the Web at [www.scdhec.gov/recycle/html/pubs.html](http://www.scdhec.gov/recycle/html/pubs.html). Call **1-800-768-7348** to be placed on an e-mail notification list.



Office of Solid Waste  
Reduction & Recycling  
**1-800-768-7348**



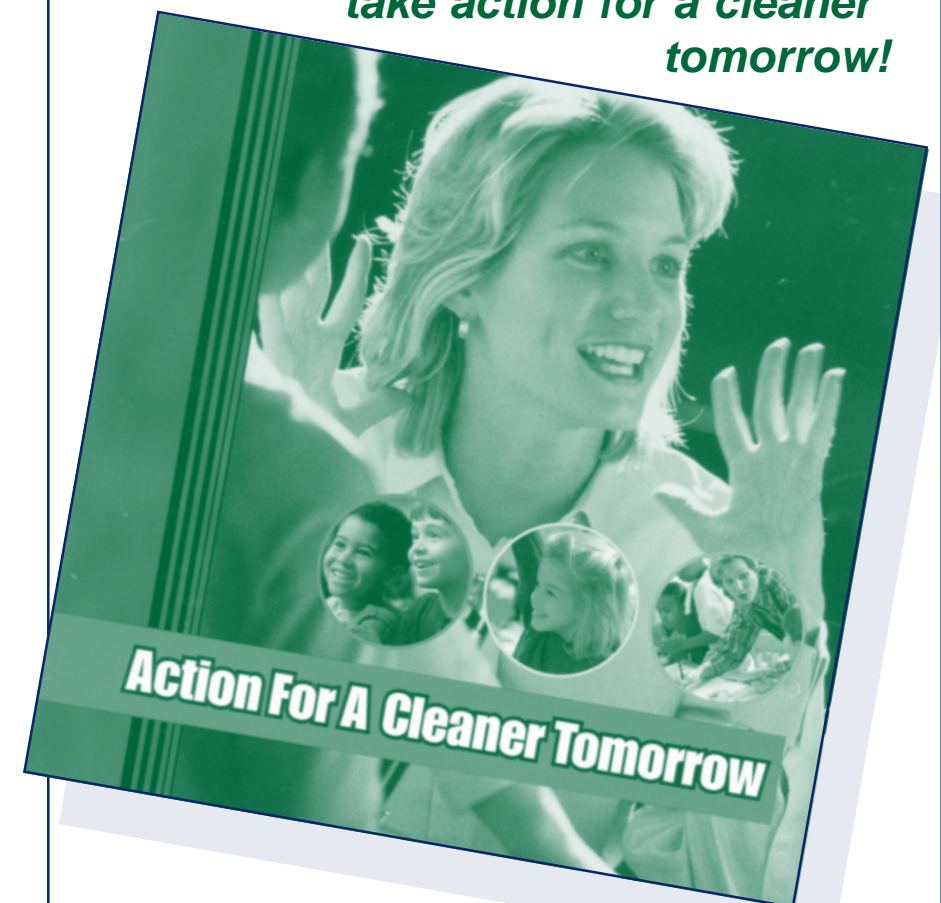
This brochure is printed  
on **RECYCLED** paper.  
DHEC OR-0007 9/03

# Action

## for a cleaner tomorrow:

### A South Carolina Environmental Curriculum Supplement

***"Action"** is an activity-based, interdisciplinary curriculum supplement that can serve as a starting place for incorporating basic environmental education in the classroom. Whether you are teaching students about recycling, energy conservation, the water table or air quality in South Carolina, these lessons are hands-on activities that help students get the facts ... think for themselves ... form opinions ... make decisions ... and*  
**take action for a cleaner tomorrow!**





## You Should Know...



**"Action,"** introduced in 1993, was developed and tested by South Carolina teachers.



**"Action"** is designed for grades kindergarten through 12 (K-12).



**"Action"** has lessons on recycling, waste reduction, composting, buying recycled, energy, air and water. It has a glossary and an extensive resource section that offers background information on specific issues from a global, national and S.C. perspective. In addition, students can take a field trip without leaving the classroom by watching video clips of a visit to a landfill, incinerator, composting facility and recycling center. The CD-ROM also contains the Recycle Guys public service announcements plus Web links.



More than 21,000 teachers have attended **"Action"** workshops.



The curriculum supplement and workshops are provided at no cost to schools or teachers.



**"Action"** has won several national awards including the Excellence in Solid Waste Education Award from the Solid Waste Association of North America, the National Recycling Coalition's Beth Brown Boettner Award for Outstanding Public Education, Best Energy Education Promotion Award for Educational Computerized Tool from the U.S. Department of Energy and the White House "Closing the Circle" Award.

A statewide survey was conducted by *MarketSearch Corporation* to measure perceptions and attitudes of teachers using **"Action."** The survey, which also included four focus groups of teachers, showed that:



97 percent of teachers said they had positive experiences with **"Action,"** and 61 percent of teachers said it was very positive.



Nearly 100 percent of respondents said they would recommend **"Action"** to other teachers, including 71 percent who said they would strongly recommend it.

Many  
"Action"  
lessons are  
South Carolina-  
specific.

**"Action"** is an  
interdisciplinary  
curriculum  
supplement that  
provides hands-on  
lessons and  
activities.

**"Action"** is  
correlated to the  
S.C. Curriculum  
Standards for Math,  
Language Arts,  
Social Studies and  
Science.

# 'Action for a cleaner tomorrow' Lesson Highlights

Below are descriptions of lessons from each of the four main subject areas of **"Action:"** air, energy, solid waste and water.

**AIR:** Become more air aware! **"Action"** contains lessons dealing with today's most important air quality issues. *"The Ozone or No Zone"* and *"Living in the Greenhouse"* lessons teach students the difference between "good" and "bad" ozone. Increase their knowledge of how weather patterns influence air quality with *"Today's Forecast."* Or, come inside with *"The Air in Here"* and bring to light indoor air quality issues. These fun and informative lessons will get students interested in learning more about what they can do for cleaner air.

**ENERGY:** The S.C. Energy Office offers a comprehensive energy education program, beginning with lessons in **"Action."** Students can learn about energy and how important it is in *"Living Without Power"* and *"Conserving Energy."* How about a little geography mixed with energy? Students can learn where South Carolina gets its energy in *"Power to Do Things."* It's time for a science experiment with *"Energy From the Sun."* Students learn how to measure solar heat and figure out ways this energy might be used to reduce our dependence on traditional fossil fuels and nuclear power.

**"Action"** is designed to give students the knowledge, information and skills to make responsible decisions on environmental issues."

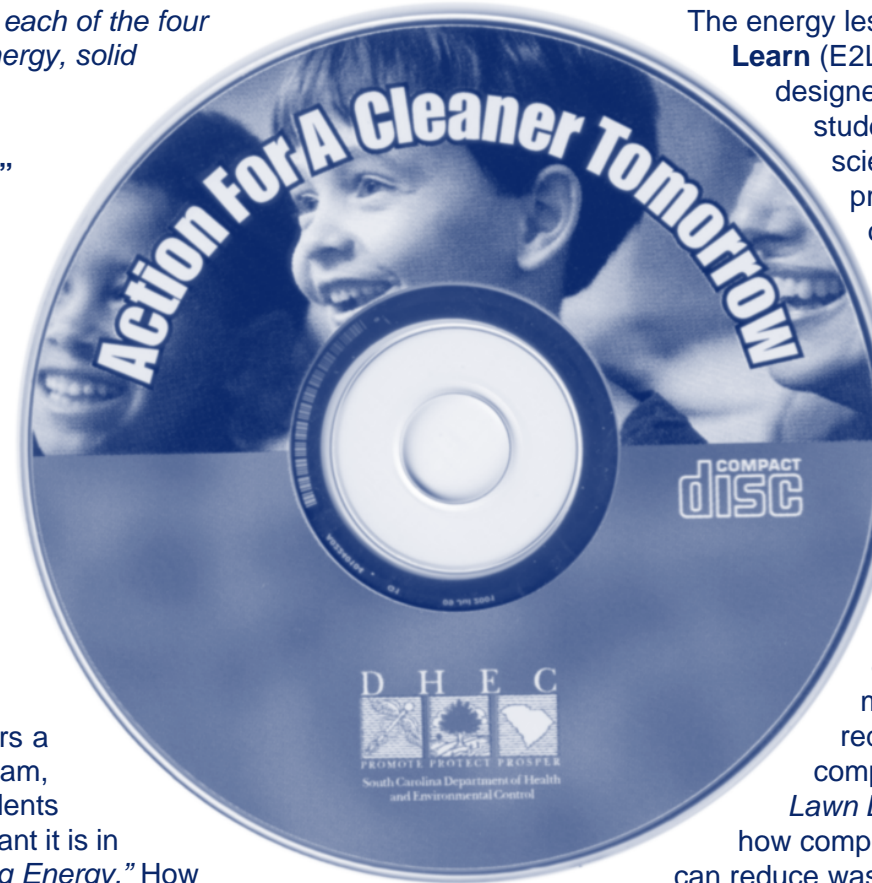
**- Lorraine Conrad,**

Science Coordinator, Richland School District 2

**"Action"** brings environmental issues home with its South Carolina-specific perspectives. Teachers can use **'Action'** to help meet the South Carolina curriculum standards for science, math, language arts and social studies."

**- Linda Sinclair,**

Education Associate: Science, S.C. Department of Education



The energy lessons are supplemented by **Energy 2 Learn (E2L)**, a comprehensive K-12 program designed specifically for South Carolina students and teachers. E2L includes science fair projects, recognition programs for schools and teachers, and other materials and resources including special classroom presentations to sixth-grade students. Many of the materials offered include South Carolina-specific energy information available only in the E2L program. To learn more about E2L, visit [www.scdhec.gov/recycle/html/e2l.html](http://www.scdhec.gov/recycle/html/e2l.html).

**SOLID WASTE:** These lessons will help your students learn how much garbage we make and ways to manage it, including recycling, waste reduction, buying recycled and composting. *"Making a Compost Pile or Lawn Lasagna"* will help students understand how composting works, its benefits and how it can reduce waste at home or for businesses. *"Musical Resources"* will help your students learn about natural resources and how they are used in the things we buy and use each day. Take a look at the past in *"The History of Garbage."* Students see what happens when they throw things away in *"A Trip to the Landfill."* Do you own a bike? Did you know hazardous materials are made during the bike's construction? Students will understand that everyone is responsible for making waste in *"Bikes and By-Products."*

**WATER:** *"Runaway With Runoff"* helps your students understand how everyday activities on the land can affect our water quality. By using the lessons *"We All Live Downstream"* and *"Runaway Water,"* your class will learn through hands-on activities about runoff pollution, watersheds and land use. Practice geography and learn about drinking water sources with *"South Carolina's Bodies of Water."* Bring the water cycle to life with *"The Water Cycle"* and *"The Mini Water Cycle,"* and add to students' knowledge about states of matter with *"Evaporation."* All of these lessons use simple materials to **have fun** while practicing important science concepts.

Remember, **"Action"** and **"Action"** workshops are provided at no cost to schools or teachers. Call **1-800-768-7348** for information.